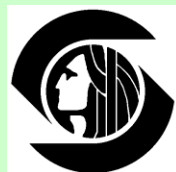


# Neighborhood Tree Fund

## Tree Planting Slide Show

City of Seattle Dept. of Neighborhoods  
&

SDOT Urban Forestry



- 
- Environmental Health
  - Financial Benefits
  - An Attractive Community

Seattle's Forest Canopy is estimated to provide 23 percent coverage.

30% is recommended in Seattle's Urban Forest Management Plan



# Planting trees...



IT'S EASY!!!!

# Planting trees...



OR IS IT?...





IS IT THE RIGHT TREE  
FOR THE SPACE??!!

Overhead  
wires



Driveway



Look UP, DOWN, and ALL AROUND





1-800-424-  
5555

Call 2 working days  
before U DIG

White paint is for trees





# Red Paint Lines



"No P" means no power!





Blue Paint Lines = Water Meter

5' Clearance is required.



# Sewer Cards

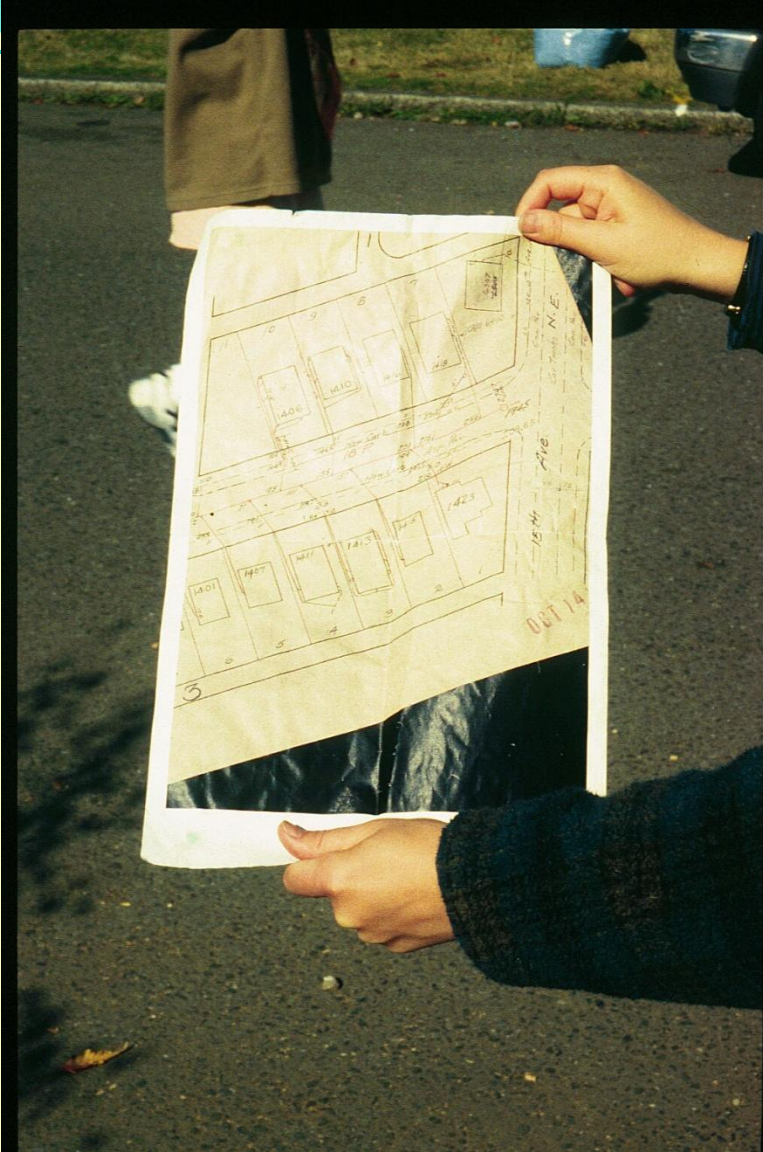
Show the location of the sewer lines from the main line to your house. They also indicate how deeply the lines are buried.

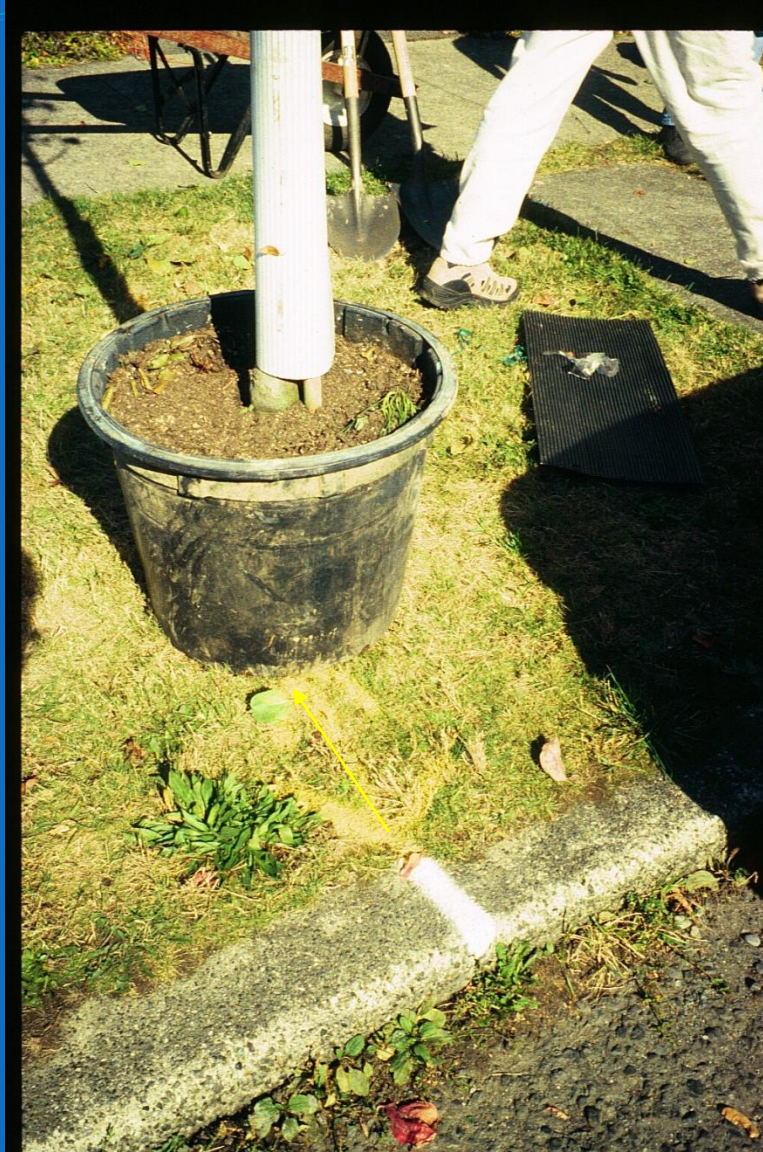
Copies of Sewer Cards are obtained from the Department of Planning and Development  
[sidesewerinfo@seattle.gov](mailto:sidesewerinfo@seattle.gov)

20th floor of the Seattle  
Municipal Tower

700 Fifth Ave

684-5362





*What to do when....*

*The tree marks are within  
5' of underground  
utilities??*

- Move the tree to a new location with the property owner's permission that meets our setback requirements

**OR**

- Call DON (684-0464) to come and pick up the tree for planting elsewhere





# Use GOOD body mechanics:

- *Lift with your legs*
- *Keep your back straight*
- *Share the load - Tarps are great for carrying trees*





Be aware of your  
surroundings!





TOOLS OF THE TRADE



# Preparation

- Wire baskets
- Burlap or plastic
- Twine
- Trunk protectors

**Packaging!!**







Remove all tags and twine  
*BEFORE*  
you put the tree into the hole!



If B&B...

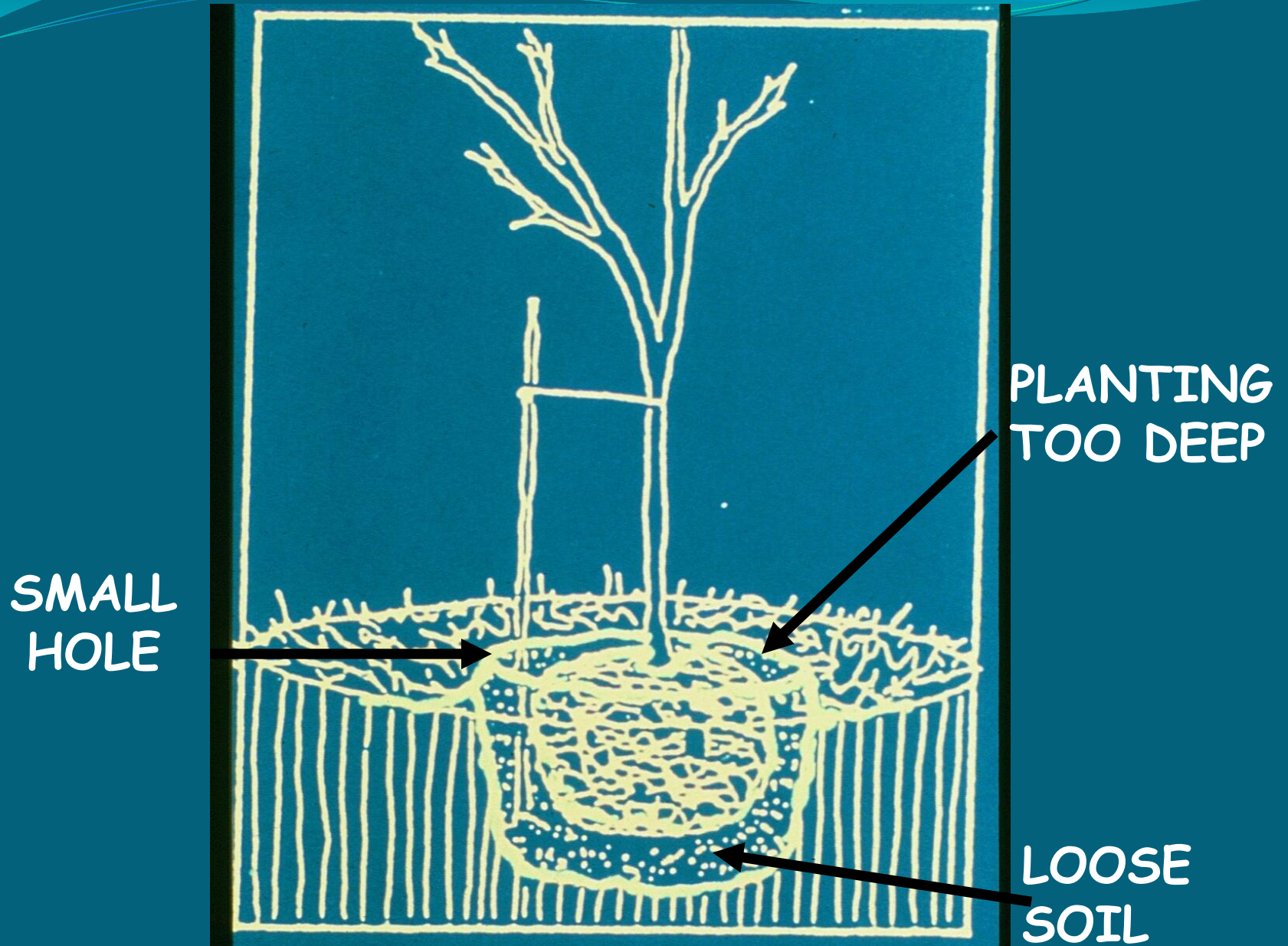


, ... cut & remove the  
*bottom* of the basket.





# WHAT'S WRONG WITH THIS PICTURE?







**Trunk flare should be above ground**





Graft union

**The graft union is NOT the trunk flare!**





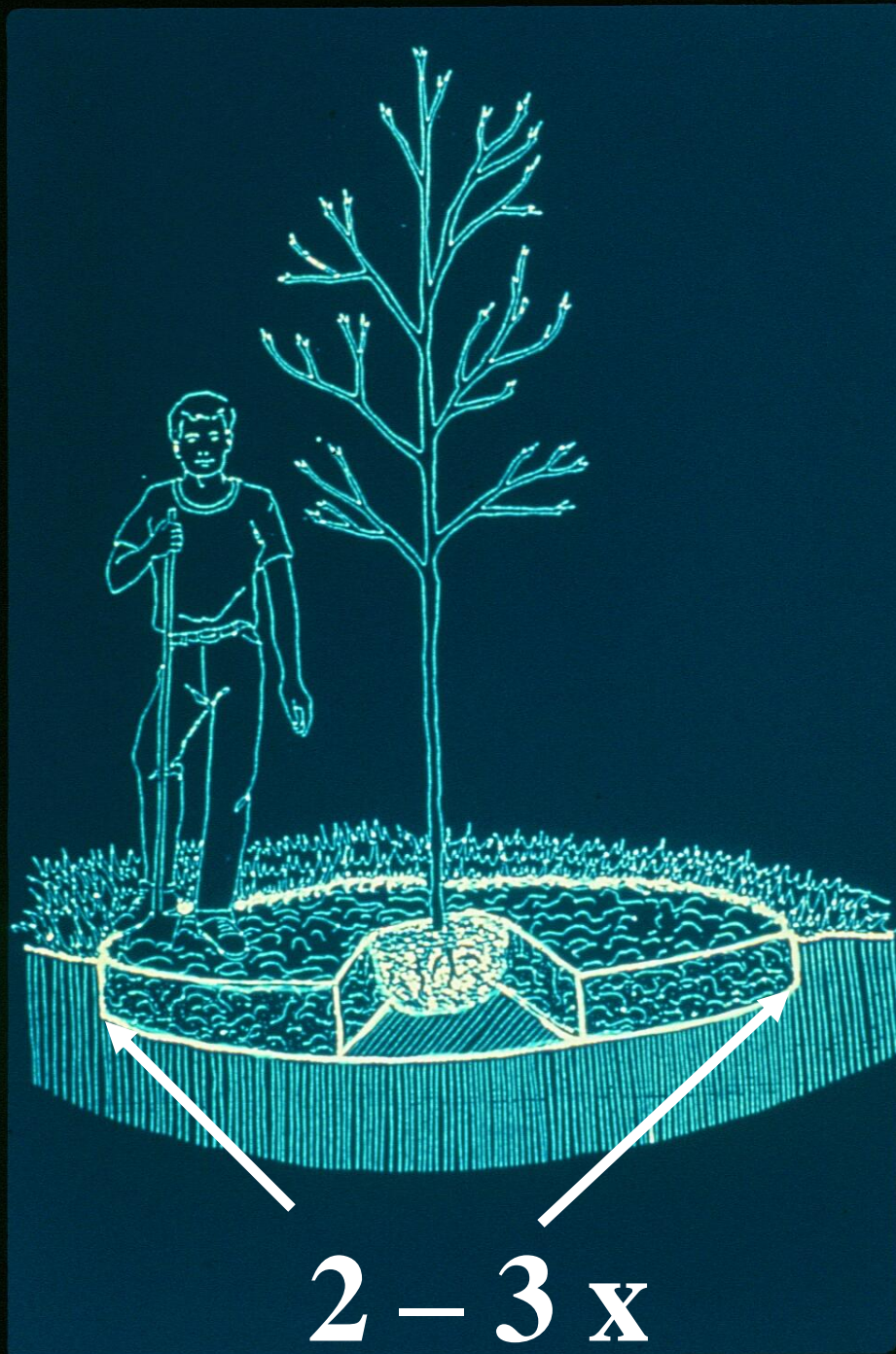
*Measure the root ball  
then measure the hole*

*Measure twice, dig  
once!*





Minimum hole size should be twice the diameter of the soil ball - the larger, the better.





# Square or Round? Your Choice!







Cutouts in sidewalks  
provide extra room for growing roots





Augurs speed digging... but don't go too deep!





**"PRECISION PICKING"**





**Place the tree into a wide shallow hole... lifting by the root ball, not the trunk!**





**Look for the root flare...**





**Cut away burlap...**





**Make sure all twine, strings,  
wrapping is removed.**





## Backfilling...

- Recheck that the tree is straight
- Orient correctly
- Partially fill with soil
- Tamp, but don't stomp
- Use (a lot of!) water to settle the soil and eliminate air pockets as you backfill.



**Tarps  
make clean-up easy.**





# Container stock

*Cut all circling roots that cannot be loosened!*





*Be sure to look  
for and remove  
circling*



*roots on the  
bottom of the  
rootball*



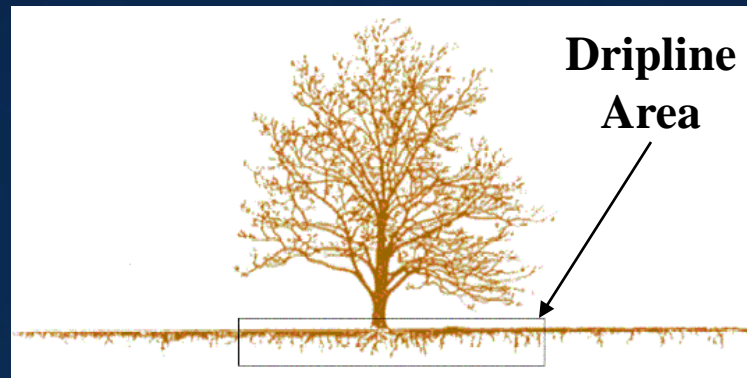


**MULCH & WATER**



# WATERING TREES

- Root systems spread 2-3 times the height of a tree.
- With transplanting, trees lose 80% of their root system
- Most absorbing roots are in the top 12 inches of soil.
- Critical root zone is within the dripline.





- New trees require consistent water in order to establish (first 2-3 years).
- Keep the root area moist!  
Do not allow root balls to dry out.
- How much and how often depends on weather, type and maturity of the plant, root depth and soil type – watch the tree's “body language.”
- 5-10 gallons of water for each inch of the tree's diameter per week.
- Water slow and deep





# SIGNS OF:

## • OVER-WATERING

- ❖ Soil is constantly damp
- ❖ Leaves turn a lighter shade of green or turn yellow
- ❖ Young shoots are wilted
- ❖ Leaves are green yet brittle.
- ❖ Algae and mushrooms are growing.

## • UNDER-WATERING

- ❖ Soil is Dry
- ❖ Older leaves turn yellow or brown and drop off.
- ❖ Leaves are wilted.
- ❖ Leaves curl.



# Mulch vs. turf Bagels

...



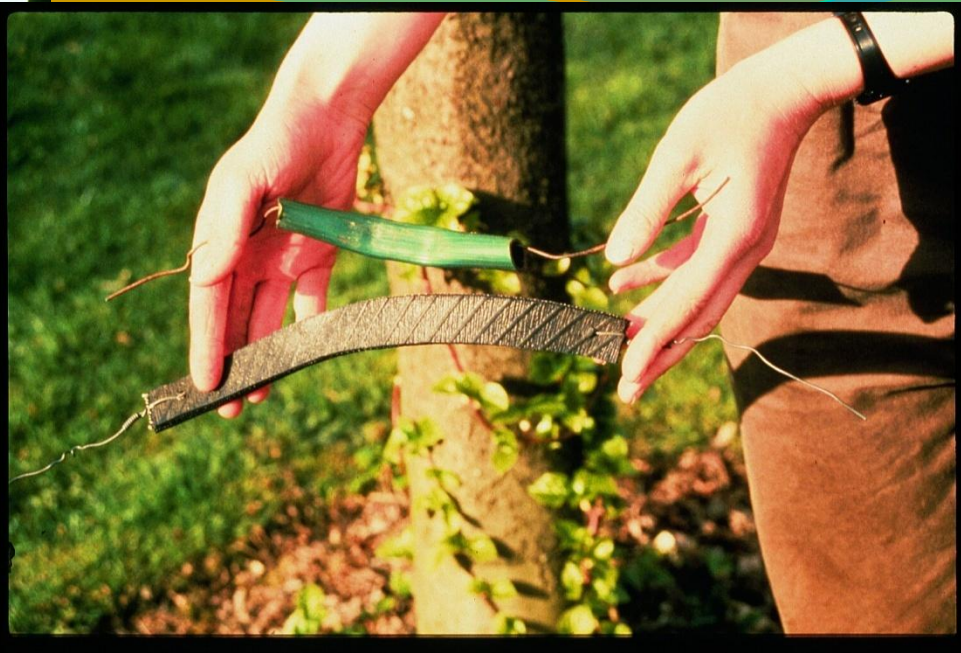


# Mulch vs. turf



**NOT volcanos!**





**To stake or not to stake...**

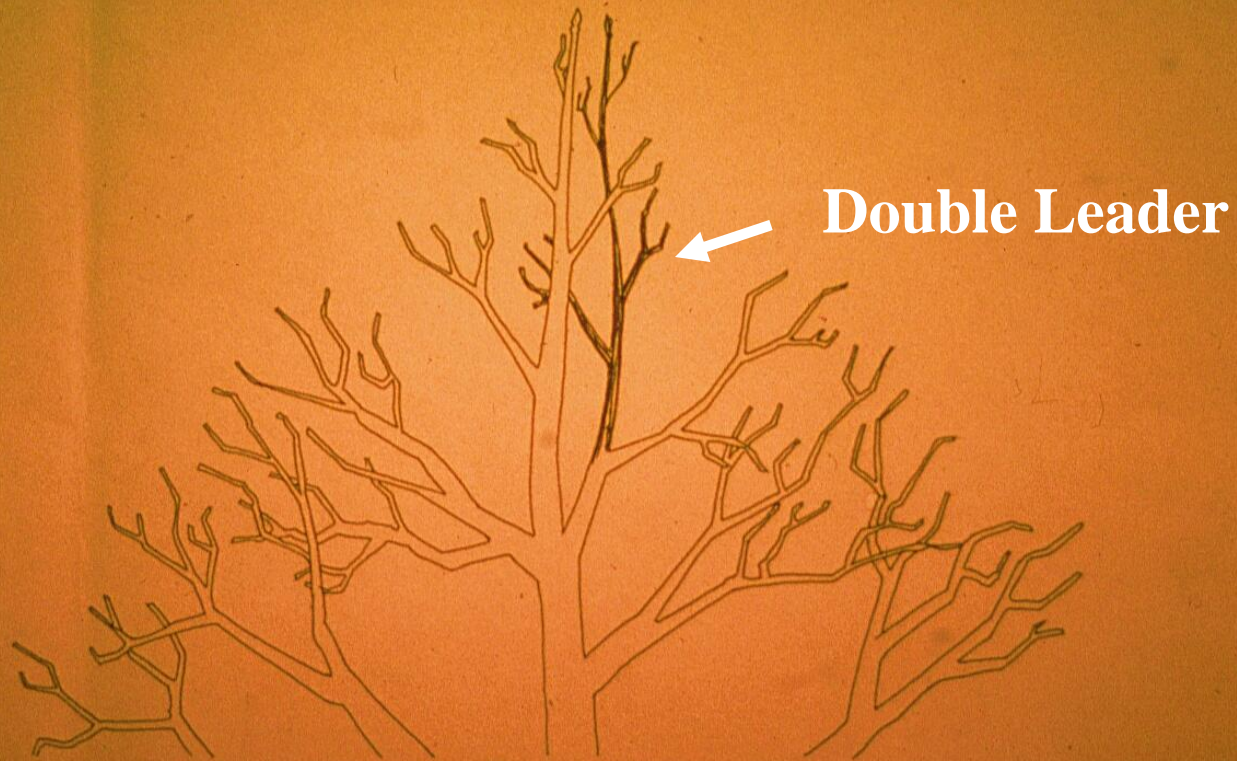




Tree Stewards at work!



# WHAT ABOUT PRUNING?





# Structural Pruning

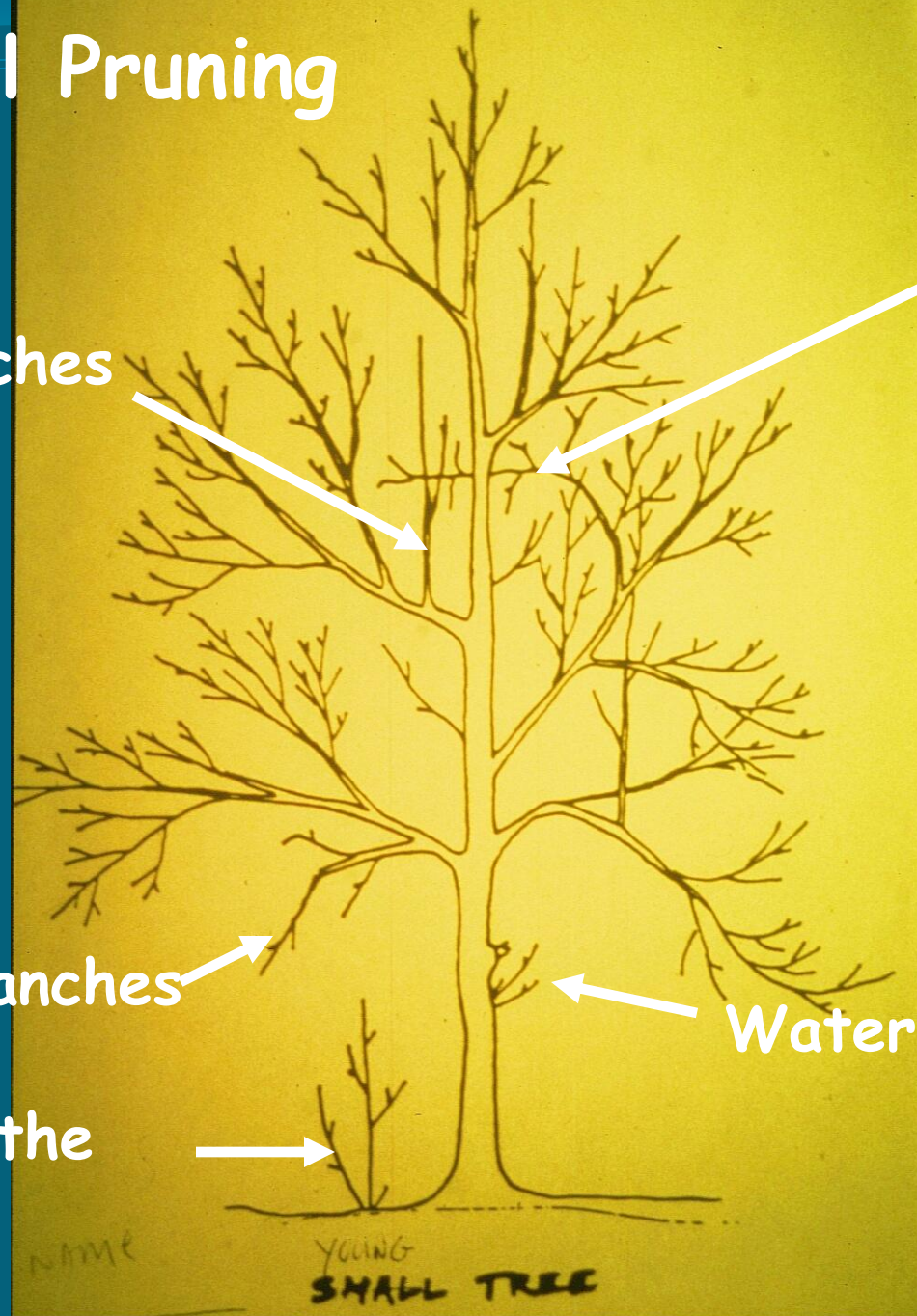
Aggressive,  
upright branches

Crossing and  
rubbing

Broken branches

Watersprouts

Suckers from the  
roots





# Common causes of tree death







*Don't do this at home!  
Trees are not telephone  
poles!*



**Remove stakes after 1<sup>st</sup> season**





Before...







Day of planting  
2 new Redbud  
trees

Careful summer  
watering...





and...



three years later!



QUESTIONS?

Call SDOT Urban  
Forestry

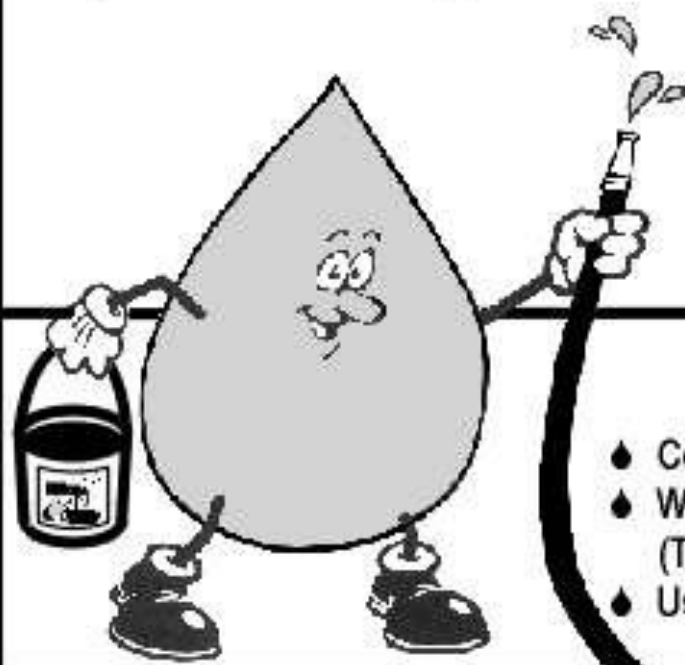
(206) 684-TREE





For more info call 206-684-5008 or check out our website  
<http://www.cityofseattle.net/environment/Trees.htm>

**Mr. Bucket says:**  
***"For newly planted trees  
(within the last 2 years),  
water well with one of me,  
5 gallons for every inch of tree."***



#### **WISE WATERING TIPS**

- ◆ Cover soil with two inches of mulch.
- ◆ Water at least once a week.  
(Twice a week during hot weather)
- ◆ Use a shut-off hose nozzle.